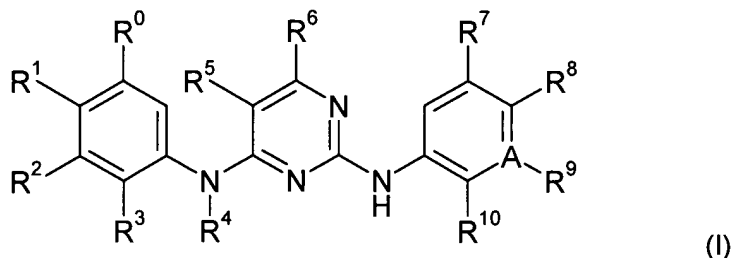


## Amendments to the Claims

This Listing of the Claims will replace all prior versions, and listings, of claims in the application.

### Listing of the Claims:

1. (Currently Amended) A compound of formula I



wherein

each of  $R^0$ ,  $R^1$ ,  $R^2$ , and  $R^3$  independently is hydrogen,  $C_1$ - $C_8$ alkyl,  $C_2$ - $C_8$ alkenyl,  $C_2$ - $C_8$ alkynyl,  $C_3$ - $C_8$ cycloalkyl,  $C_3$ - $C_8$ cycloalkyl- $C_1$ - $C_8$ alkyl,  $C_5$ - $C_{10}$ aryl- $C_1$ - $C_8$ alkyl, hydroxy- $C_1$ - $C_8$ alkyl,  $C_1$ - $C_8$ alkoxy- $C_1$ - $C_8$ alkyl, amino- $C_1$ - $C_8$ alkyl, halo- $C_1$ - $C_8$ alkyl, unsubstituted or substituted  $C_5$ - $C_{10}$ aryl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1, 2 or 3 hetero atoms selected from N, O and S, hydroxy,  $C_1$ - $C_8$ alkoxy, hydroxy- $C_1$ - $C_8$ alkoxy,  $C_1$ - $C_8$ alkoxy- $C_1$ - $C_8$ alkoxy, halo- $C_1$ - $C_8$ alkoxy, unsubstituted or substituted  $C_5$ - $C_{10}$ aryl- $C_1$ - $C_8$ alkoxy, unsubstituted or substituted heterocyclyloxy, or unsubstituted or substituted heterocyclyl- $C_1$ - $C_8$ alkoxy, unsubstituted or substituted amino,  $C_1$ - $C_8$ alkylthio,  $C_1$ - $C_8$ alkylsulfinyl,  $C_1$ - $C_8$ alkylsulfonyl,  $C_5$ - $C_{10}$ arylsulfonyl, halogen, carboxy,  $C_1$ - $C_8$ alkoxycarbonyl, unsubstituted or substituted carbamoyl, unsubstituted or substituted sulfamoyl, cyano or nitro; or

~~$R^0$  and  $R^1$ ,  $R^2$  and  $R^3$ , and/or  $R^2$  and  $R^3$  form, together with the carbon atoms to which they are attached, a 5 or 6 membered carbocyclic or heterocyclic ring comprising 0, 1, 2 or 3 heteroatoms selected from N, O and S;~~

$R^3$  is  $C_1$ - $C_8$ alkylsulfinyl,  $C_1$ - $C_8$ alkylsulfonyl,  $C_5$ - $C_{10}$ arylsulfonyl, unsubstituted or substituted carbamoyl or unsubstituted or substituted sulfamoyl;

Or the pair of adjacent substituents  $R^2$  and  $R^3$  forms  $-CH_2-NH-CO-$  or  $-CH_2-NH-SO_2-$  or such pairs wherein NH is substituted by  $C_1$ - $C_8$ -alkyl;

$R^4$  is hydrogen or  $C_1$ - $C_8$ alkyl;

each of R<sup>5</sup> and R<sup>6</sup> independently is hydrogen, C<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>1</sub>-C<sub>8</sub>alkoxyC<sub>1</sub>-C<sub>8</sub>alkyl, haloC<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>1</sub>-C<sub>8</sub>alkoxy, halogen, carboxy, C<sub>1</sub>-C<sub>8</sub>alkoxycarbonyl, unsubstituted or substituted carbamoyl, cyano, or nitro; and

each of R<sup>7</sup>, R<sup>8</sup>, R<sup>9</sup>, and R<sup>10</sup> independently is C<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>2</sub>-C<sub>8</sub>alkenyl, C<sub>2</sub>-C<sub>8</sub>alkinyl, C<sub>3</sub>-C<sub>8</sub>cycloalkyl, C<sub>3</sub>-C<sub>8</sub>cycloalkylC<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>5</sub>-C<sub>10</sub>arylC<sub>1</sub>-C<sub>8</sub>alkyl, hydroxyC<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>1</sub>-C<sub>8</sub>alkoxyC<sub>1</sub>-C<sub>8</sub>alkyl, aminoC<sub>1</sub>-C<sub>8</sub>alkyl, haloC<sub>1</sub>-C<sub>8</sub>alkyl, unsubstituted or substituted C<sub>5</sub>-C<sub>10</sub>aryl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1, 2 or 3 hetero atoms selected from N, O and S, hydroxy, C<sub>1</sub>-C<sub>8</sub>alkoxy, hydroxyC<sub>1</sub>-C<sub>8</sub>alkoxy, C<sub>1</sub>-C<sub>8</sub>alkoxyC<sub>1</sub>-C<sub>8</sub>alkoxy, haloC<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted C<sub>5</sub>-C<sub>10</sub>arylC<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted heterocyclyloxy, or unsubstituted or substituted heterocyclylC<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted amino, C<sub>1</sub>-C<sub>8</sub>alkylthio, C<sub>1</sub>-C<sub>8</sub>alkylsulfinyl, C<sub>1</sub>-C<sub>8</sub>alkylsulfonyl, C<sub>5</sub>-C<sub>10</sub>arylsulfonyl, halogen, carboxy, C<sub>1</sub>-C<sub>8</sub>alkoxycarbonyl, unsubstituted or substituted carbamoyl, unsubstituted or substituted sulfamoyl, cyano or nitro; wherein R<sup>7</sup>, R<sup>8</sup> and R<sup>9</sup> independently of each other can also be hydrogen;

or R<sup>7</sup> and R<sup>8</sup>, R<sup>8</sup> and R<sup>9</sup>, and/or R<sup>9</sup> and R<sup>10</sup> form together with the carbon atoms to which they are attached, a 5 or 6 membered carbocyclic or heterocyclic ring comprising 0, 1, 2 or 3 heteroatoms selected from N, O and S that is unsubstituted or substituted by C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>8</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>8</sub>-alkyl, hydroxyl, amino, substituted amino, halogen, carboxy, C<sub>1</sub>-C<sub>8</sub>alkoxycarbonyl, carbamoyl, cyano, or oxo;

A is C or N;

and salts thereof.

2. (Currently Amended) A compound of formula I according to claim 1, wherein

each of R<sup>0</sup> or R<sup>2</sup> independently is hydrogen, C<sub>1</sub>-C<sub>8</sub>alkyl, hydroxyC<sub>1</sub>-C<sub>8</sub>alkyl, haloC<sub>1</sub>-C<sub>8</sub>alkyl, unsubstituted or substituted C<sub>5</sub>-C<sub>10</sub>aryl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S, C<sub>1</sub>-C<sub>8</sub>alkoxy, haloC<sub>1</sub>-C<sub>8</sub>alkoxy, C<sub>5</sub>-C<sub>10</sub>aryloxy, unsubstituted or substituted heterocyclyloxy, unsubstituted or substituted heterocyclylC<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted amino, C<sub>1</sub>-C<sub>8</sub>alkylsulfonyl, halogen, unsubstituted or substituted carbamoyl, unsubstituted or substituted sulfamoyl;

R<sup>1</sup> is hydrogen, C<sub>1</sub>-C<sub>8</sub>alkyl, hydroxyC<sub>1</sub>-C<sub>8</sub>alkyl, haloC<sub>1</sub>-C<sub>8</sub>alkyl, unsubstituted or substituted C<sub>5</sub>-C<sub>10</sub>aryl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S, C<sub>1</sub>-C<sub>8</sub>alkoxy, haloC<sub>1</sub>-C<sub>8</sub>alkoxy, C<sub>5</sub>-C<sub>10</sub>aryloxy, unsubstituted or substituted heterocyclyloxy, unsubstituted or substituted heterocyclylC<sub>1</sub>-

C<sub>8</sub>alkoxy, unsubstituted or substituted amino, C<sub>1</sub>-C<sub>8</sub>alkylsulfonyl, halogen, unsubstituted or substituted carbamoyl, unsubstituted or substituted sulfamoyl;

R<sup>3</sup> is C<sub>1</sub>-C<sub>8</sub>alkylsulfinyl, C<sub>1</sub>-C<sub>8</sub>-alkylsulfonyl, C<sub>5</sub>-C<sub>10</sub>arylsulfonyl, unsubstituted or substituted carbamoyl or unsubstituted or substituted sulfamoyl;

R<sup>3</sup> is C<sub>1</sub>-C<sub>8</sub>alkylsulfinyl, C<sub>1</sub>-C<sub>8</sub>-alkylsulfonyl, C<sub>5</sub>-C<sub>10</sub>arylsulfonyl, unsubstituted or substituted carbamoyl or unsubstituted or substituted sulfamoyl;

or the pair of adjacent substituents R<sup>2</sup> and R<sup>3</sup> forms -CH<sub>2</sub>-NH-CO- or CH<sub>2</sub>-NH-SO<sub>2</sub>- or such pairs wherein NH is substituted by C<sub>1</sub>-C<sub>8</sub>-alkyl;

~~R<sup>3</sup> is hydrogen, C<sub>1</sub>-C<sub>8</sub>alkyl, hydroxyC<sub>1</sub>-C<sub>8</sub>alkyl, haloC<sub>1</sub>-C<sub>8</sub>alkyl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 heteroatoms selected from N, O and S, C<sub>1</sub>-C<sub>8</sub>alkoxy, substituted amino, C<sub>1</sub>-C<sub>8</sub>alkylsulfonyl, C<sub>5</sub>-C<sub>10</sub>arylsulfonyl, halogen, carboxy, substituted or unsubstituted carbamoyl, unsubstituted or substituted sulfamoyl; or~~

~~each pair of adjacent substituents R<sup>0</sup> and R<sup>1</sup>, or R<sup>1</sup> and R<sup>2</sup>, or R<sup>2</sup> and R<sup>3</sup> is -CH<sub>2</sub>-NH-CO-, -CH<sub>2</sub>-CH<sub>2</sub>-NH-CO-, -CH<sub>2</sub>-CO-NH-, -CH<sub>2</sub>-CH<sub>2</sub>-CO-NH-, -CH<sub>2</sub>-NH-SO<sub>2</sub>-, -CH<sub>2</sub>-CH<sub>2</sub>-NH-SO<sub>2</sub>-, -CH<sub>2</sub>-SO<sub>2</sub>-NH-, -CH<sub>2</sub>-CH<sub>2</sub>-SO<sub>2</sub>-NH-, -CH<sub>2</sub>-CH<sub>2</sub>-SO<sub>2</sub>-, -CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-SO<sub>2</sub>-, -O-CH<sub>2</sub>-O-, or -O-CF<sub>2</sub>-O-, and such pairs wherein hydrogen in NH is replaced by C<sub>1</sub>-C<sub>8</sub>alkyl;~~

R<sup>4</sup> is hydrogen or C<sub>1</sub>-C<sub>8</sub>alkyl;

R<sup>5</sup> is hydrogen; C<sub>1</sub>-C<sub>8</sub>alkyl, halogen, haloC<sub>1</sub>-C<sub>8</sub>alkyl, cyano or nitro;

R<sup>6</sup> is hydrogen;

each of R<sup>7</sup> and R<sup>9</sup> independently is hydrogen, C<sub>1</sub>-C<sub>8</sub>alkyl, hydroxyC<sub>1</sub>-C<sub>8</sub>alkyl, haloC<sub>1</sub>-C<sub>8</sub>alkyl, unsubstituted or substituted C<sub>5</sub>-C<sub>10</sub>aryl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S, C<sub>1</sub>-C<sub>8</sub>alkoxy, haloC<sub>1</sub>-C<sub>8</sub>alkoxy, C<sub>5</sub>-C<sub>10</sub>aryloxy, unsubstituted or substituted heterocycloxy, unsubstituted or substituted heterocyclylC<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted amino, C<sub>1</sub>-C<sub>8</sub>alkylsulfonyl, halogen, unsubstituted or substituted carbamoyl, unsubstituted or substituted sulfamoyl;

R<sup>8</sup> is hydrogen, C<sub>1</sub>-C<sub>8</sub>alkyl, hydroxyC<sub>1</sub>-C<sub>8</sub>alkyl, haloC<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>5</sub>-C<sub>10</sub>aryl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S, C<sub>1</sub>-C<sub>8</sub>alkoxy, haloC<sub>1</sub>-C<sub>8</sub>alkoxy, C<sub>5</sub>-C<sub>10</sub>aryloxy, unsubstituted or substituted heterocycloxy, unsubstituted or substituted heterocyclylC<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted amino, C<sub>1</sub>-C<sub>8</sub>alkylsulfonyl, halogen, unsubstituted or substituted carbamoyl, unsubstituted or substituted sulfamoyl, cyano, or nitro; and

R<sup>10</sup> is C<sub>1</sub>-C<sub>8</sub>alkyl, hydroxyC<sub>1</sub>-C<sub>8</sub>alkyl, haloC<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted heterocyclylC<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted amino, halogen, carboxy, carbamoyl, or unsubstituted or substituted sulfamoyl; or

each pair of adjacent substituents  $R^7$  and  $R^8$ , or  $R^8$  and  $R^9$  or  $R^9$  and  $R^{10}$ , is  $-NH-CH=CH-$ ,  $-CH=CH-NH-$ ,  $-NH-N=CH-$ ,  $-CH=N-NH-$ ,  $-CH_2-CH_2-CH_2-$ ,  $-CH_2-CH_2-CH_2-CH_2-$ ,  $-CH_2-CH_2-O-$ ,  $-CH=CH-O-$ ,  $-O-CH_2-O-$ , or  $-O-CF_2-O-$ ;

A is C or N.

3. (Currently Amended) A compound of formula I according to claim 1, wherein each of  $R^0$  or  $R^2$  independently is hydrogen,  $C_1-C_8$ alkyl, halo $C_1-C_8$ alkyl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S,  $C_1-C_8$ alkoxy, unsubstituted or substituted heterocyclyloxy, unsubstituted or substituted heterocyclyl $C_1-C_8$ alkoxy, unsubstituted or substituted amino, or halogen;  $R^1$  is hydrogen,  $C_1-C_8$ alkyl, halo $C_1-C_8$ alkyl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S,  $C_1-C_8$ alkoxy, unsubstituted or substituted heterocyclyloxy, unsubstituted or substituted heterocyclyl $C_1-C_8$ alkoxy, unsubstituted or substituted amino, halogen;  $R^3$  is  $C_1-C_8$ alkylsulfinyl,  $C_1-C_8$ alkylsulfonyl,  $C_5-C_{10}$ arylsulfonyl, unsubstituted or substituted carbamoyl or unsubstituted or substituted sulfamoyl; or the pair of adjacent substituents  $R^2$  and  $R^3$  forms  $-CH_2-NH-CO-$  or  $CH_2-NH-SO_2-$  or such pairs wherein NH is substituted by  $C_1-C_8$ alkyl;  ~~$R^3$  is hydrogen,  $C_4-C_8$ alkyl, halo $C_4-C_8$ alkyl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 heteroatoms selected from N, O and S,  $C_4-C_8$ alkoxy, substituted amino,  $C_4-C_8$ alkylsulfonyl,  $C_5-C_{10}$ arylsulfonyl, halogen, carboxy, substituted or unsubstituted carbamoyl, or unsubstituted or substituted sulfamoyl; or~~ ~~each pair of adjacent substituents  $R^0$  and  $R^4$ , or  $R^4$  and  $R^2$ , or  $R^2$  and  $R^3$  is  $-CH_2-NH-CO-$ ,  $-CH_2-NH-SO_2-$ ,  $-CH_2-CH_2-SO_2-$ ,  $-O-CH_2-O-$ , or  $-O-CF_2-O-$ , and such pairs wherein hydrogen in NH is replaced by  $C_4-C_8$ alkyl;~~  $R^4$  is hydrogen;  $R^5$  is hydrogen, halogen, halo $C_1-C_8$ alkyl, or nitro;  $R^6$  is hydrogen; each of  $R^7$  and  $R^9$  independently is hydrogen,  $C_1-C_8$ alkyl, halo $C_1-C_8$ alkyl, unsubstituted or substituted  $C_5-C_{10}$ aryl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S,  $C_1-C_8$ alkoxy, unsubstituted or substituted heterocyclyloxy, unsubstituted or substituted heterocyclyl $C_1-C_8$ alkoxy, unsubstituted or substituted amino, halogen, unsubstituted or substituted carbamoyl, or unsubstituted or substituted sulfamoyl;  $R^8$  is hydrogen,  $C_1-C_8$ alkyl, halo $C_1-C_8$ alkyl,  $C_5-C_{10}$ aryl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S,  $C_1-$

C<sub>8</sub>alkoxy, haloC<sub>1</sub>-C<sub>8</sub>alkoxy, C<sub>5</sub>-C<sub>10</sub>aryloxy, unsubstituted or substituted heterocycloxy, unsubstituted or substituted heterocyclylC<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted amino, halogen, unsubstituted or substituted sulfamoyl, or nitro; and  
R<sup>10</sup> is C<sub>1</sub>-C<sub>8</sub>alkyl, haloC<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted heterocyclylC<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted amino, or halogen; or  
each pair of adjacent substituents R<sup>7</sup> and R<sup>8</sup>, or R<sup>8</sup> and R<sup>9</sup> or R<sup>9</sup> and R<sup>10</sup>, is -NH-CH=CH-, -CH=CH-NH-, -NH-N=CH-, -CH=N-NH-, -CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-, -CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-, -O-CH<sub>2</sub>-O-, or -O-CF<sub>2</sub>-O-;  
A is C or N.

4. (Currently Amended) A compound of formula I according to claim 1, wherein  
each of R<sup>0</sup> or R<sup>2</sup> independently is hydrogen, piperazino, N-methylpiperazino or 1-methyl-4-piperidylloxy;  
R<sup>1</sup> is hydrogen, piperazino, N-methylpiperazino, morpholino, 1-methyl-4-piperidinylloxy, 3-morpholinopropoxy or 2-morpholinoethoxy;  
R<sup>3</sup> is sulfamoyl, methylsulfamoyl or propylsulfamoyl; or  
the pair of adjacent substituents R<sup>0</sup> and R<sup>1</sup>, or R<sup>1</sup> and R<sup>2</sup> is -O-CH<sub>2</sub>-O-, or the pair of adjacent substituents R<sup>2</sup> and R<sup>3</sup> is -CH<sub>2</sub>-NH-CO- or -CH<sub>2</sub>-NH-SO<sub>2</sub>-;  
R<sup>4</sup> is hydrogen;  
R<sup>5</sup> is hydrogen, chloro, bromo, trifluoromethyl or nitro;  
R<sup>6</sup> is hydrogen;  
each of R<sup>7</sup> and R<sup>9</sup> independently is hydrogen, C<sub>1</sub>-C<sub>8</sub>alkyl, haloC<sub>1</sub>-C<sub>8</sub>alkyl, unsubstituted or substituted C<sub>5</sub>-C<sub>10</sub>aryl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S, C<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted heterocycloxy, unsubstituted or substituted heterocyclylC<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted amino, halogen, unsubstituted or substituted carbamoyl, or unsubstituted or substituted sulfamoyl;  
R<sup>8</sup> is hydrogen, C<sub>1</sub>-C<sub>8</sub>alkyl, haloC<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>5</sub>-C<sub>10</sub>aryl, unsubstituted or substituted 5 or 6 membered heterocyclyl comprising 1 or 2 hetero atoms selected from N, O and S, C<sub>1</sub>-C<sub>8</sub>alkoxy, haloC<sub>1</sub>-C<sub>8</sub>alkoxy, C<sub>5</sub>-C<sub>10</sub>aryloxy, unsubstituted or substituted heterocycloxy, unsubstituted or substituted heterocyclylC<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted amino, halogen, unsubstituted or substituted sulfamoyl, or nitro; and  
R<sup>10</sup> is C<sub>1</sub>-C<sub>8</sub>alkyl, haloC<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted heterocyclylC<sub>1</sub>-C<sub>8</sub>alkoxy, unsubstituted or substituted amino, or halogen; or

each pair of adjacent substituents  $R^7$  and  $R^8$ , or  $R^8$  and  $R^9$  or  $R^9$  and  $R^{10}$ , is  $-NH-CH=CH-$ ,  $-CH=CH-NH-$ ,  $-NH-N=CH-$ ,  $-CH=N-NH-$ ,  $-CH_2-CH_2-CH_2-$ ,  $-CH_2-CH_2-CH_2-CH_2-$ ,  $-O-CH_2-O-$ , or  $-O-CF_2-O-$ ;

A is C or N.

5. (Currently Amended) A compound of formula I according to claim 1, wherein each of  $R^0$  or  $R^2$  independently is hydrogen, piperazino, N-methylpiperazino or 1-methyl-4-piperidyloxy;

$R^1$  is hydrogen, piperazino, N-methylpiperazino, morpholino, 1-methyl-4-piperidinyloxy, 3-morpholinopropoxy or 2-morpholinoethoxy;

$R^3$  is sulfamoyl, methylsulfamoyl or propylsulfamoyl; or

the pair of adjacent substituents  $R^0$  and  $R^1$ , or  $R^1$  and  $R^2$  is  $-O-CH_2-O-$ , or the pair of adjacent substituents  $R^2$  and  $R^3$  is  $-CH_2-NH-CO-$  or  $-CH_2-NH-SO_2-$ ;

$R^4$  is hydrogen;

$R^5$  is hydrogen, chloro, bromo, trifluoromethyl or nitro;

$R^6$  is hydrogen;

each of  $R^7$  and  $R^9$  independently is hydrogen, methyl, isopropyl, trifluoromethyl, phenyl, o-, m- or p-methoxyphenyl, piperidino, piperazino, N-methylpiperazino, morpholino, methoxy, ethoxy, isopropoxy, phenoxy, 3-morpholinopropoxy, 2-morpholinoethoxy, 2-(1-imidazolyl)ethoxy, dimethylamino, fluoro, morpholinocarbonyl, piperidinocarbonyl, piperazinocarbonyl or cyclohexylcarbonyl;

$R^8$  is hydrogen, methyl, piperidino, piperazino, N-methylpiperazino, morpholino, methoxy, ethoxy, trifluoromethoxy, phenoxy, 1-methyl-4-piperidyloxy, 3-morpholinopropoxy, 2-morpholinoethoxy, 3-(N-methylpiperazino)-propoxy, methylamino, fluoro, chloro, sulfamoyl or nitro; and

$R^{10}$  is methyl, butyl, methoxy, ethoxy, 2-(1-imidazolyl)ethoxy, methylamino, dimethylamino or fluoro; or

the pair of adjacent substituents  $R^7$  and  $R^8$  or  $R^8$  and  $R^9$  is  $-O-CH_2-O-$  or the pair of adjacent substituents  $R^9$  and  $R^{10}$  is  $-NH-CH=CH-$ ,  $-CH=N-NH-$ ,  $-CH_2-CH_2-CH_2-$ ,  $-CH_2-CH_2-CH_2-CH_2-$  or  $-O-CF_2-O-$ ;

A is C or N.

6. (Currently Amended) A compound of formula I according to claim 1, wherein each of  $R^0$ ,  $R^1$  or  $R^2$  is hydrogen;

$R^3$  is sulfamoyl, methylsulfamoyl or propylsulfamoyl;

$R^4$  is hydrogen;

R<sup>5</sup> is chloro or bromo;

R<sup>6</sup> is hydrogen;

each of R<sup>7</sup> and R<sup>9</sup> independently is hydrogen, methyl, isopropyl, trifluoromethyl, phenyl, o-, m- or p-methoxyphenyl, piperidino, piperazino, N-methylpiperazino, morpholino, methoxy, ethoxy, isopropoxy, phenoxy, 3-morpholinopropoxy, 2-morpholinoethoxy, 2-(1-imidazolyl)ethoxy, dimethylamino, fluoro, morpholinocarbonyl, piperidinocarbonyl, piperazinocarbonyl or cyclohexylcarbonyl;

R<sup>8</sup> is hydrogen, methyl, piperidino, piperazino, N-methylpiperazino, morpholino, methoxy, ethoxy, trifluoromethoxy, phenoxy, 1-methyl-4-piperidyloxy, 3-morpholinopropoxy, 2-morpholinoethoxy, 3-(N-methylpiperazino)-propoxy, methylamino, fluoro, chloro, sulfamoyl or nitro; and

R<sup>10</sup> is methyl, butyl, methoxy, ethoxy, 2-(1-imidazolyl)ethoxy, methylamino, dimethylamino or fluoro; or

the pair of adjacent substituents R<sup>7</sup> and R<sup>8</sup> or R<sup>8</sup> and R<sup>9</sup> is -O-CH<sub>2</sub>-O-, or the pair of adjacent substituents R<sup>9</sup> and R<sup>10</sup> is -NH-CH=CH-, -CH=N-NH-, -CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-, -CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>- or -O-CF<sub>2</sub>-O-;

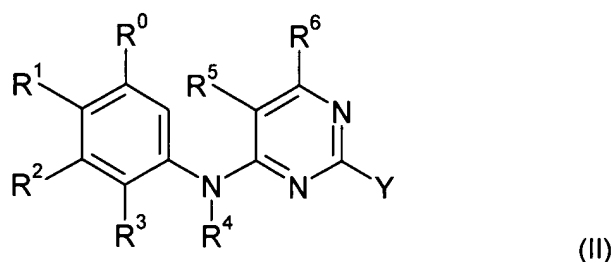
A is C or N.

7. (Currently Amended) The compound of formula I according to claim 1, wherein each of R<sup>0</sup>, R<sup>1</sup> or R<sup>2</sup> is hydrogen, R<sup>3</sup> is methylsulfamoyl, R<sup>4</sup> is hydrogen, R<sup>5</sup> is bromo, R<sup>6</sup> is hydrogen, each of R<sup>7</sup> and R<sup>8</sup> is methoxy, R<sup>9</sup> is hydrogen, and R<sup>10</sup> is methyl, and A is C or N.

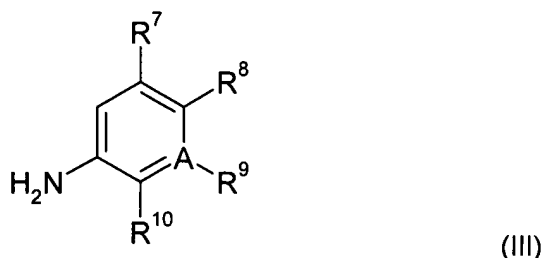
8. (Currently Amended) The compound of formula I according to claim 1, wherein each of R<sup>0</sup>, R<sup>1</sup> or R<sup>2</sup> is hydrogen, R<sup>3</sup> is methylsulfamoyl, R<sup>4</sup> is hydrogen, R<sup>5</sup> is bromo, R<sup>6</sup> is hydrogen, each of R<sup>7</sup> and R<sup>8</sup> is hydrogen, and the pair of adjacent substituents R<sup>9</sup> and R<sup>10</sup> is -CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-, and A is C or N.

9. (Currently Amended) The compound of formula 2-{5-Chloro-2-[4-(3-methylamino-pyrrolidin-1-yl)-phenylamino]-pyrimidin-4-ylamino}-N-isopropyl-benzenesulfonamide.

10. (Currently Amended) A process for the production of a compound of formula I according to claim 1, comprising reacting a compound of formula II



wherein  $R^0$ ,  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ , and  $R^6$  are as defined in claim 1, and Y is a leaving group, with a compound of formula III



wherein A,  $R^7$ ,  $R^8$ ,  $R^9$  and  $R^{10}$  are as defined in claim 1;

and, if desired, converting a compound of formula I, wherein the substituents have the meaning as defined in claim 1, into another compound of formula I as defined in claim 1;

and recovering the resulting compound of formula I in free form or as a salt, and, when required, converting the compound of formula I obtained in free form into the desired salt, or an obtained salt into the free form.

**11. (Previously Presented)** A pharmaceutical composition comprising a compound according to claim 1, as active ingredient together with one or more pharmaceutically acceptable diluents or carriers.

**12. (Cancelled).**

**13. (Currently Amended)** A combination comprising a therapeutically effective amount of a compound according to claim 1 and one or more further known drug substances, said further drug substance being useful in the treatment of neoplastic diseases or immune system disorders.

**14. (Previously Presented)** A method for the treatment of neoplastic diseases and immune system disorders in a subject in need thereof which comprises administering an effective



amount of a compound according to claim 1 or a pharmaceutical composition comprising same.

**15. (Previously Presented)** A method for the treatment or prevention of a disease which responds to inhibition of focal adhesion kinase or/and IGF-1 Receptor comprising administering a compound according to claim 1 or a pharmaceutically acceptable salt thereof.

**16. (Currently Amended)** The method according to claim 15, wherein the disease to be treated is selected a from proliferative disease.

**17. (Previously Presented)** The method according to claim 16, wherein the proliferative disease to be treated is selected from a tumor of, breast, renal , prostate, colorectal, thyroid, ovarian, pancreas, neuronal, lung, uterine and gastro-intestinal tumours as well as osteosarcomas and melanomas.

**18. (Previously Presented)** The method according to claim 15, wherein the disease to be treated is an immune disease.

**19. (Previously Presented)** A method for the treatment or prevention of inflammatory and/or an immune disorder comprising administering a compound according to claim 1 or a pharmaceutically acceptable salt thereof.

**20. (Previously Presented)** The method according to claim 19 wherein the inflammatory and/or immune disorder is selected from transplant rejection, allergy and autoimmune disorders mediated by immune cells including T lymphocytes, B lymphocytes, macrophages, dendritic cells, mast cells and eosinophils.

**21. (Previously Presented)** The method according to claim 14, wherein the compound is 2-[5-Bromo-2-(2-methoxy-5-morpholin-4-yl-phenylamino)-pyrimidin-4-ylamino]-N-methyl-benzenesulfonamide or a pharmaceutically acceptable salt thereof.

**22. (Previously Presented)** The method according to claim 14, wherein the compound is selected from 2-[5-chloro-2-(2-methoxy-4-morpholin-4-yl-phenylamino)-pyrimidin-4-ylamino]-N-methyl-benzamide, N<sup>2</sup>-(4-[1,4']Bipiperidinyl-1'-yl-2-methoxy-phenyl)-5-chloro-N<sup>4</sup>-[2-(propane-1-sulfonyl)-phenyl]-pyrimidine-2,4-diamine and 2-{5-Chloro-2-[2-methoxy-4-(4-

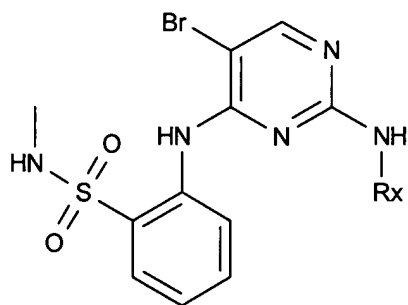
methyl-piperazin-1-yl)-phenylamino]-pyrimidin-4-ylamino]-N-isopropyl-benzenesulfonamide, or a pharmaceutically acceptable salt thereof.

**23. (New)** A compound of the formula I shown in claim 1, selected from the group of compounds with the following names or formulae:

2-[2-(2,5-dimethoxy-phenylamino)-5-nitro-pyrimidin-4-ylamino]-N-methyl-benzenesulfonamide;

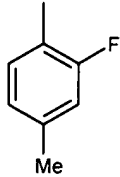
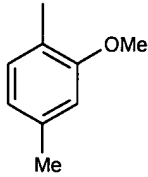
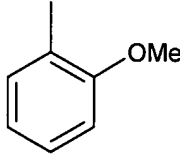
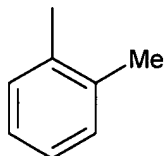
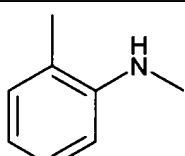
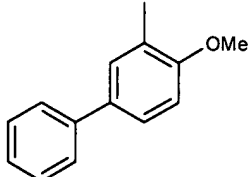
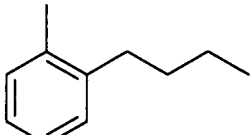
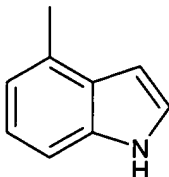
2-[5-bromo-2-(2,4-dimethoxy-phenylamino)-pyrimidin-4-ylamino]-N-methyl-benzenesulfonamide;

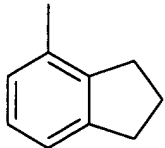
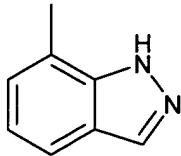
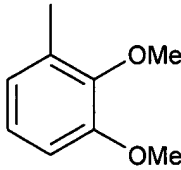
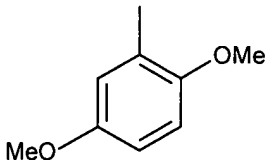
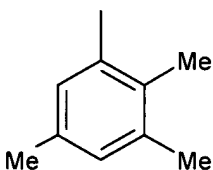
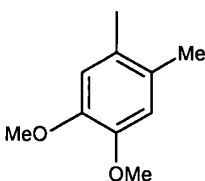
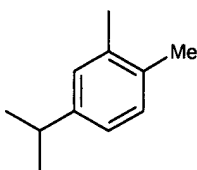
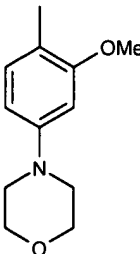
a compound of the formula

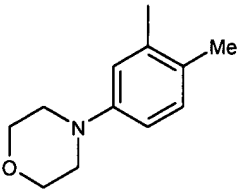
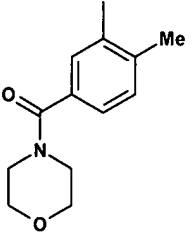
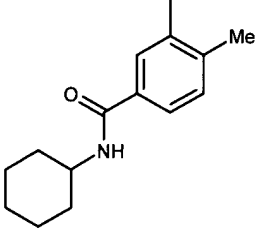
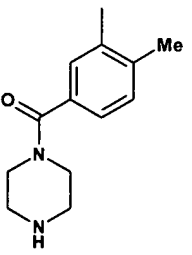
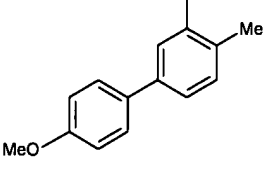
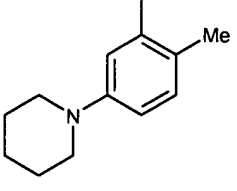


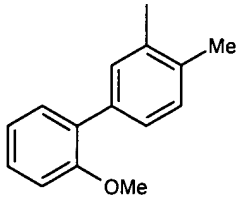
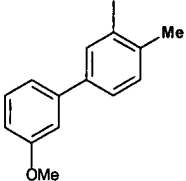
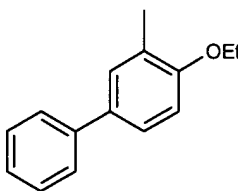
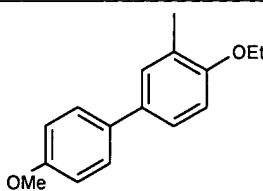
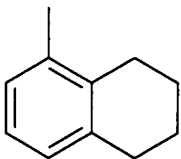
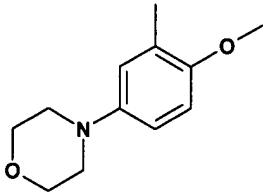
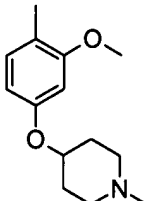
wherein Rx has one of the meanings given in the following table:

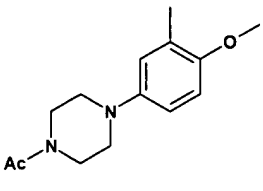
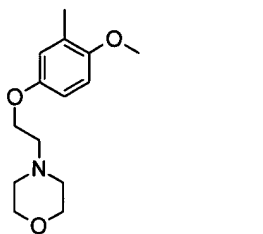
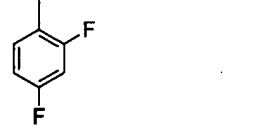
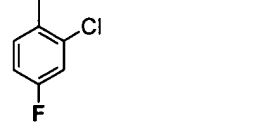
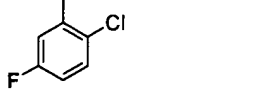
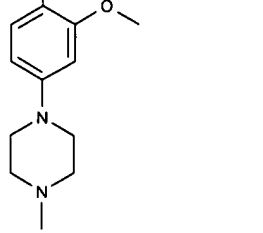
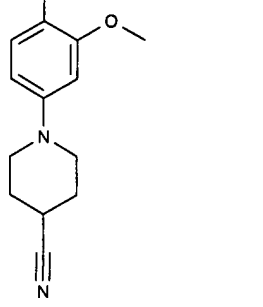
Compound	Rx
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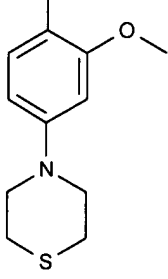
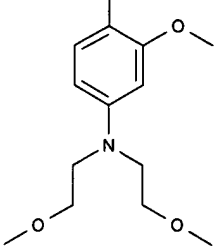
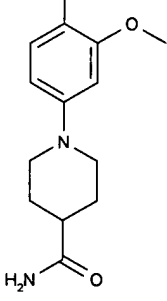
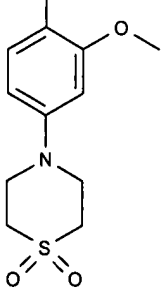
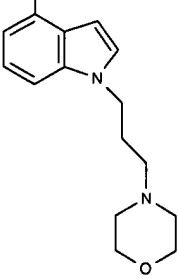
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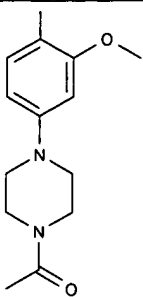
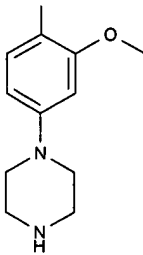
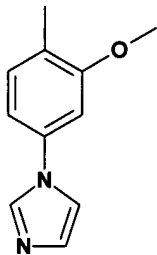
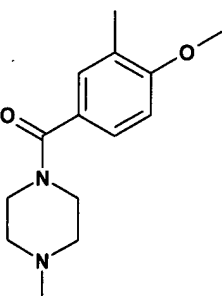
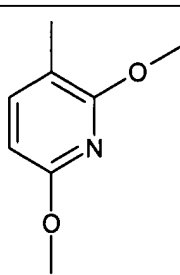
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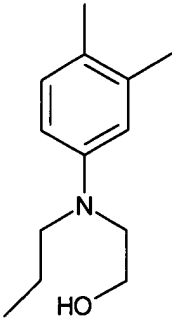
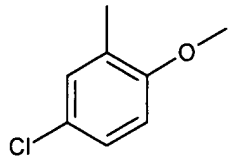
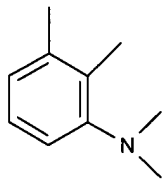
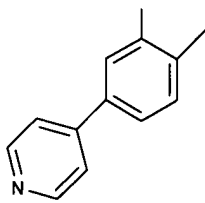
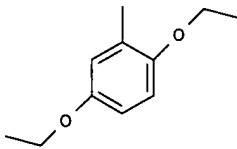
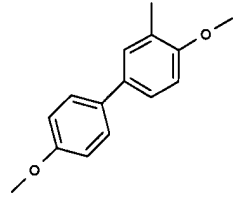
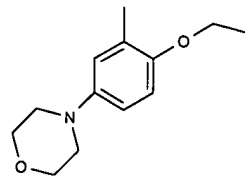
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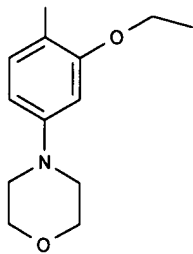
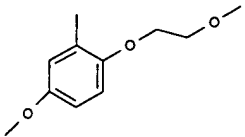
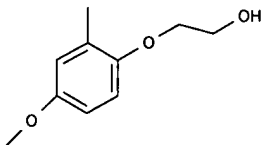
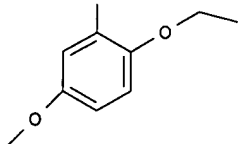
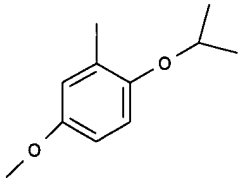
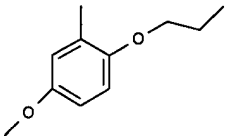
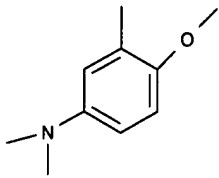
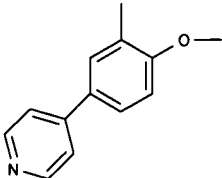
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3-41	 <chem>COc1cccc(c1)N2CCSCC2</chem>
3-42	 <chem>COc1cccc(c1)N(CCOC)CCOC</chem>
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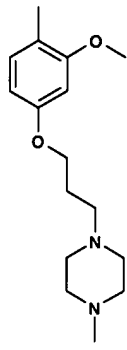
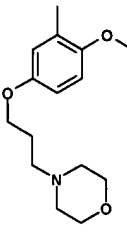
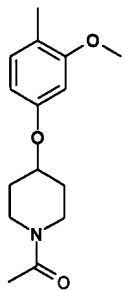
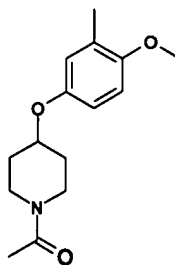
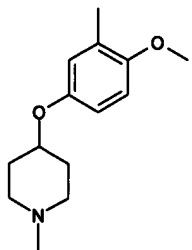
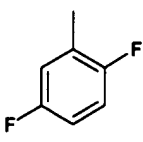


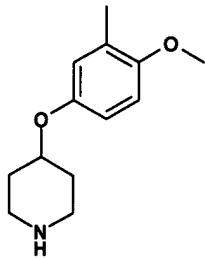
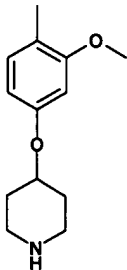
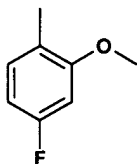
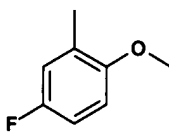
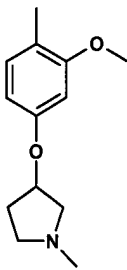
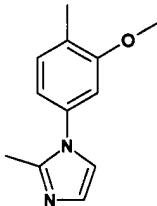
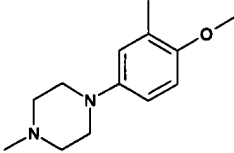
3-46	 <chem>CC(=O)N1CCN(CC1)c2ccc(OC)cc2</chem>
3-47	 <chem>C1CCN(CC1)c2ccc(OC)cc2</chem>
3-48	 <chem>C1=CN=C(C=C1)c2ccc(OC)cc2</chem>
3-49	 <chem>COc1ccc(cc1)C(=O)N2CCN(CC2)</chem>
3-50	 <chem>COc1ccncc1OC</chem>

3-51	
3-52	
3-53	
3-54	
3-55	
3-56	
3-57	

3-58	 <chem>CCOC1=CC=C(C)C=C1N2CCCC2</chem>
3-59	 <chem>COCCOC1=CC=C(C)C=C1OC</chem>
3-60	 <chem>COCCOC1=CC=C(C)C=C1O</chem>
3-61	 <chem>CCOC1=CC=C(C)C=C1OC</chem>
3-62	 <chem>CC(C)OC1=CC=C(C)C=C1OC</chem>
3-63	 <chem>CCOC1=CC=C(C)C=C1OC</chem>
3-64	 <chem>CC1=CC=C(C)C(OC)=C1N(C)C</chem>
3-65	 <chem>COc1cc(C)ccc1-c2ccncc2</chem>

3-66	
3-67	
3-68	
3-69	
3-70	
3-71	

3-72	 <chem>CN1CCN(CCOC2=CC=C(C)C=C2C)CC1</chem>
3-73	 <chem>CN1CCOC(CCOC2=CC=C(C)C=C2C)CC1</chem>
3-74	 <chem>CC(=O)N1CCN(CC1)OC2=CC=C(C)C=C2</chem>
3-75	 <chem>CC(=O)N1CCN(CC1)OC2=CC=C(C)C(OC)=C2</chem>
3-76	 <chem>C1CCN(CC1)OC2=CC=C(C)C(OC)=C2</chem>
3-77	 <chem>Fc1cccc(F)c1</chem>

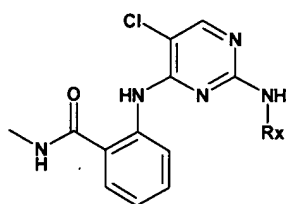
3-78	
3-79	
3-80	
3-81	
3-82	
3-83	
3-84	

1

2-[5-bromo-2-(2,3-[difluoromethylenedioxy]phenylamino)-pyrimidin-4-ylamino]-benzenesulfonamide;

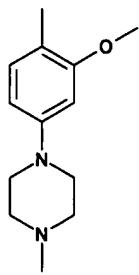
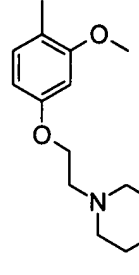
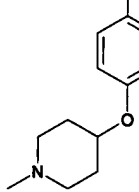
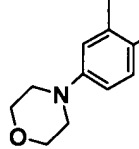
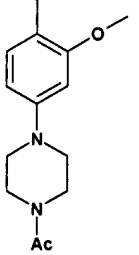
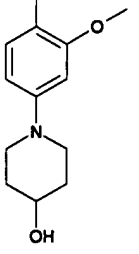
2-[5-chloro-2-(2-methoxy-4-morpholin-4-yl-phenylamino)-pyrimidin-4-ylamino]-N-methylbenzamide;

a compound of the formula

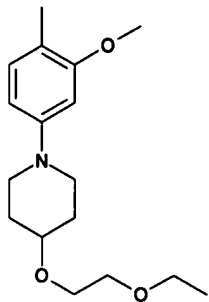
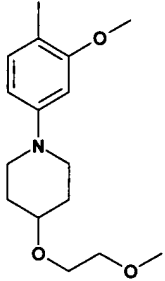
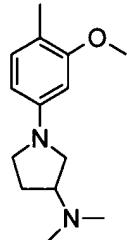
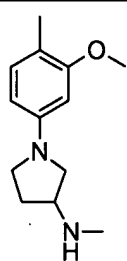
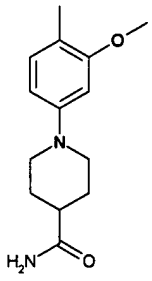


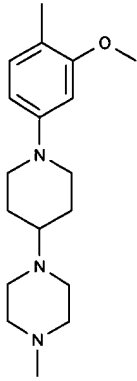
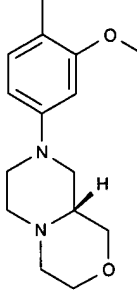
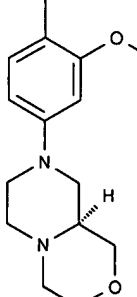
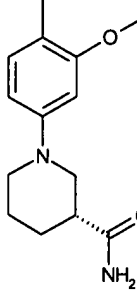
wherein Rx has one of the meanings given in the following table:

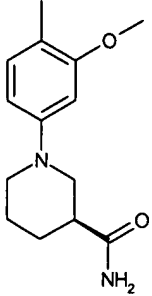
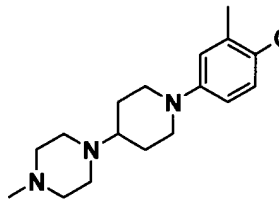
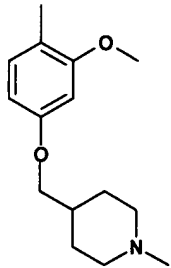
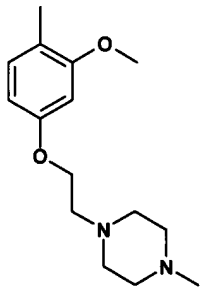
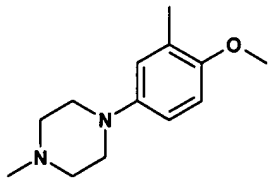
Compound No.	Rx
7-1	
7-2	

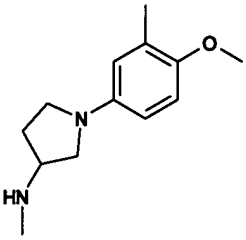
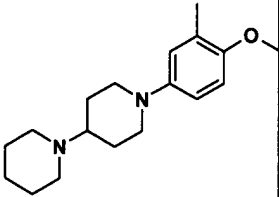
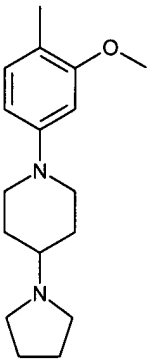
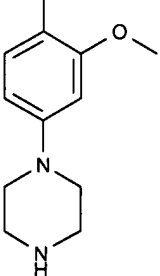
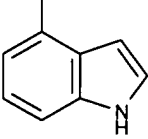
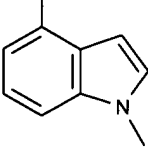
7-3	 <chem>CN1CCN(C)CC1c2ccc(OC)c(C)c2</chem>
7-4	 <chem>CN1CCN(C)CC1Oc2ccc(OC)c(C)c2</chem>
7-5	 <chem>CN1CCN(C)CC1Oc2ccc(OC)c(C)c2</chem>
7-6	 <chem>CN1CCN(C)CC1c2ccc(OC)c(C)c2</chem>
7-7	 <chem>CC(=O)N1CCN(C)CC1c2ccc(OC)c(C)c2</chem>
7-8	 <chem>CN1CCN(C)CC1c2ccc(OC)c(C)c2</chem>

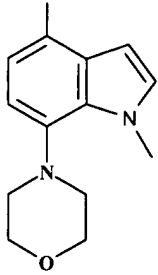
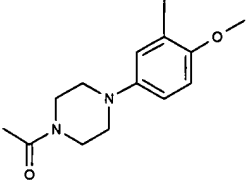


7-9	
7-10	
7-11	
7-12	
7-13	

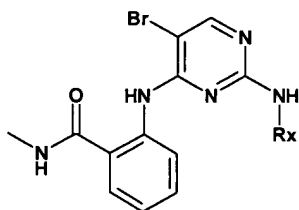
7-14	 <chem>COC1=CC=C(C=C1)N2CCNCC2</chem>
7-15	 <chem>COC1=CC=C(C=C1)N2CCN(C2)C3CCOC3</chem>
7-16	 <chem>COC1=CC=C(C=C1)N2CCN(C2)C3CCOC3</chem>
7-17	 <chem>COC1=CC=C(C=C1)N2CCNCC2C(=O)N</chem>

7-18	
7-19	
7-20	
7-21	
7-22	

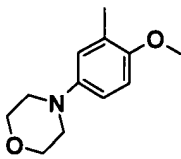
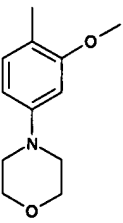
7-23	
7-24	
7-25	
7-26	
7-27	
7-28	

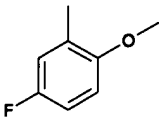
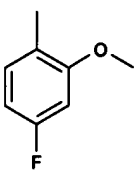
7-29	
7-30	

a compound of the formula



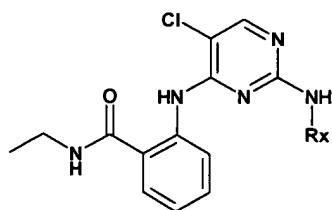
wherein Rx has one of the meanings given in the following table:

Compound	Rx
8-1	
8-2	

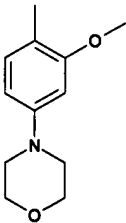
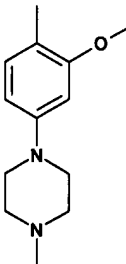
8-3	
8-4	

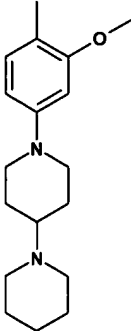
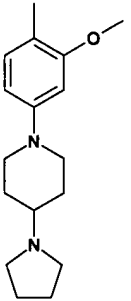
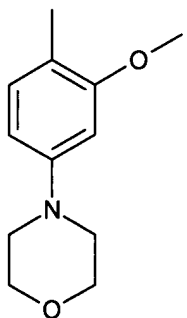
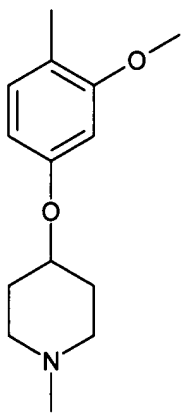
;

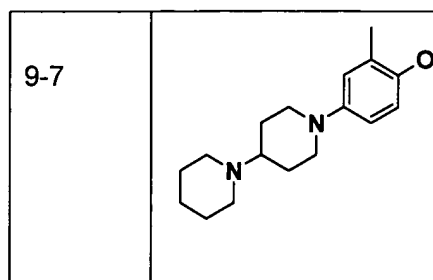
a compound of the formula



wherein Rx has one of the meanings given in the following table:

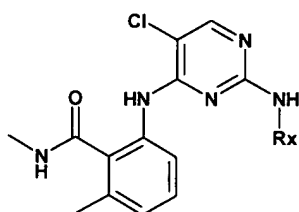
Compound	Rx
9-1	
9-2	

9-3	 <chem>COc1ccc(cc1)N2CCCCC2</chem>
9-4	 <chem>COc1ccc(cc1)N2CCCC2</chem>
9-5	 <chem>COc1ccc(cc1)N2CCOCC2</chem>
9-6	 <chem>COc1ccc(cc1)N2CCNCC2</chem>



i

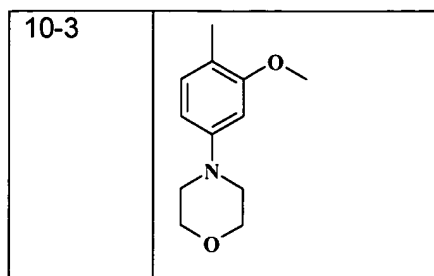
a compound of the formula



wherein Rx has one of the meanings given in the following table:

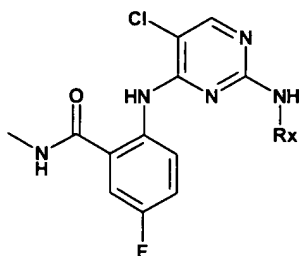
Compound	Rx
10-1	
10-2	





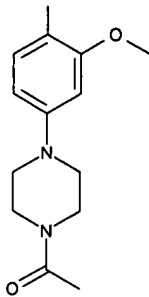
1

a compound of the formula

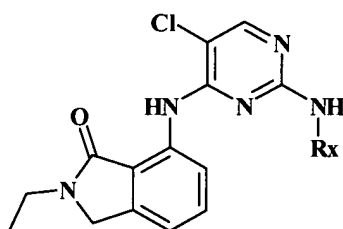


wherein Rx has one of the meanings given in the following table:

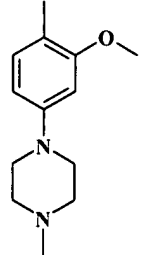
Compound	Rx
11-1	
11-2	
11-3	

11-4	

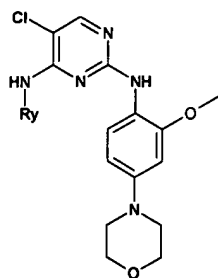
a compound of the formula



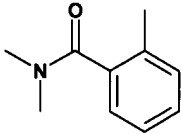
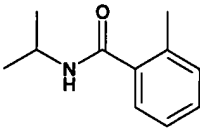
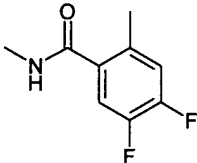
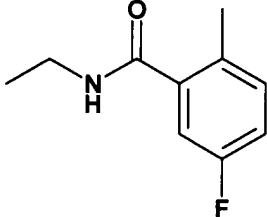
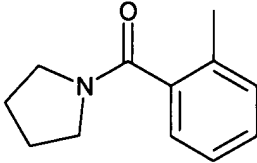
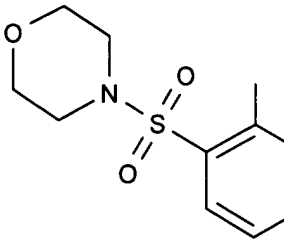
wherein Rx has one of the meanings given in the following table:

Compound.	Rx
13-1	

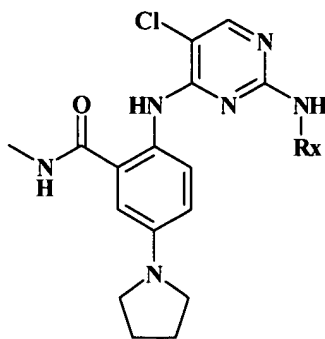
a compound of the formula



wherein Ry has one of the meanings given in the following table:

Compound	Ry
14-1	
14-2	
14-3	
14-5	
14-6	
14-7	

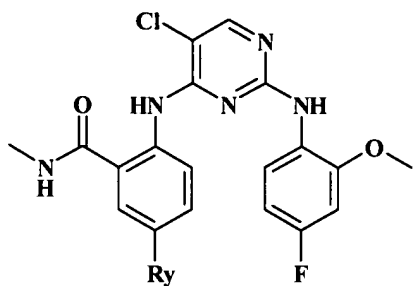
a compound of the formula



wherein Rx has one of the meanings given in the following table:

Compound	Rx
15-1	
15-2	
15-3	

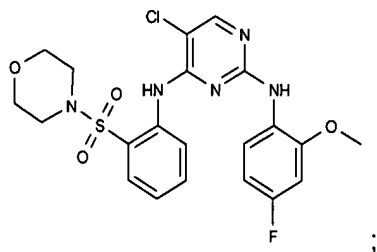
a compound of the formula



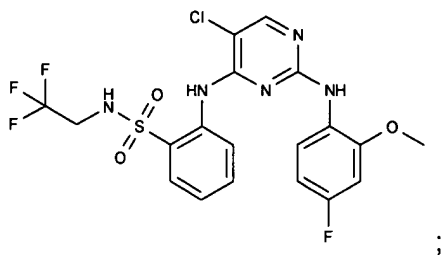
wherein Ry has one of the meanings given in the following table:

Compound	Ry
16-1	
16-2	
16-3	
16-4	

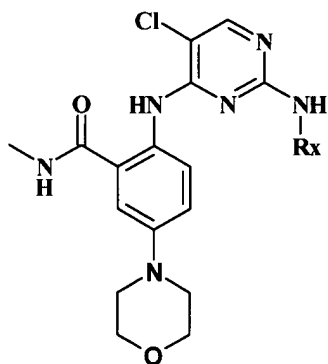
a compound of the formula



a compound of the formula



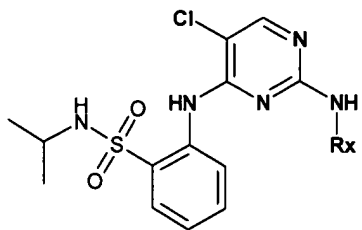
a compound of the formula



wherein Rx has one of the meanings given in the following table:

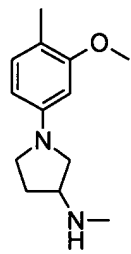
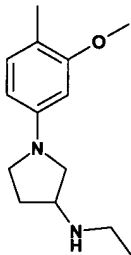
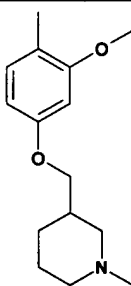
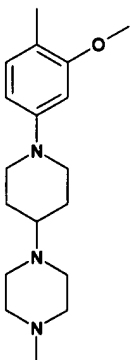
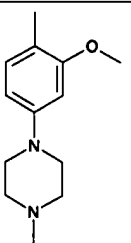
Compound.	Rx
18-1	

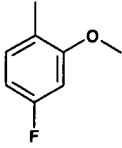
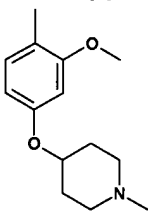
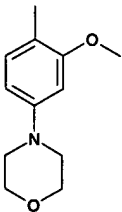
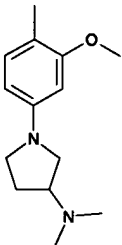
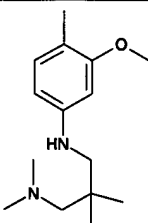
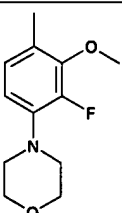
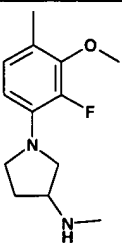
a compound of the formula



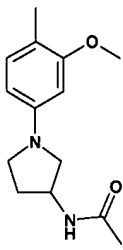
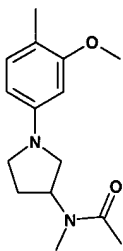
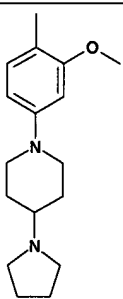
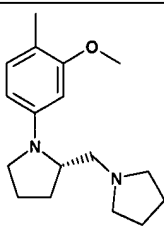
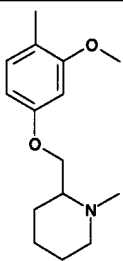
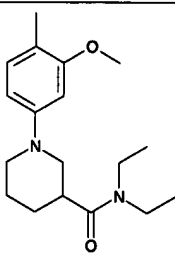
wherein Rx has one of the meanings given in the following table:

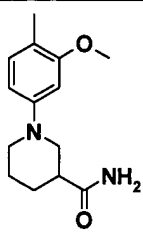
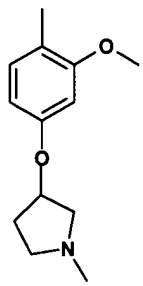
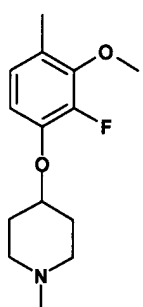
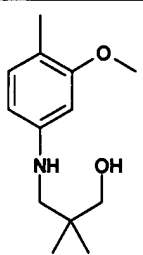
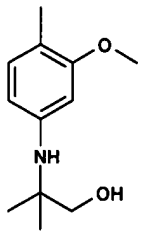
Compound	Rx

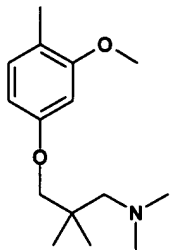
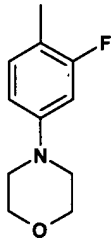
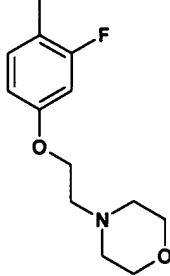
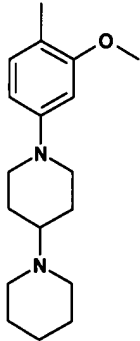
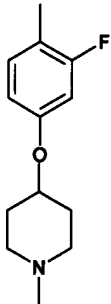
19-1	 <chem>CNCC1CCN1c2ccc(OC)cc2</chem>
19-2	 <chem>CCNCC1CCN1c2ccc(OC)cc2</chem>
19-3	 <chem>CN1CCN(C1)CCOC2=CC=C(OC)C=C2</chem>
19-4	 <chem>CN1CCN(C1)CCN2CCN(C2)c3ccc(OC)cc3</chem>
19-5	 <chem>CN1CCN(C1)CCN2CCN(C2)c3ccc(OC)cc3</chem>

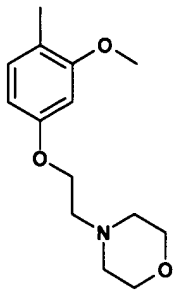
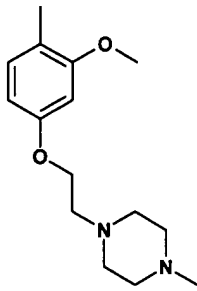
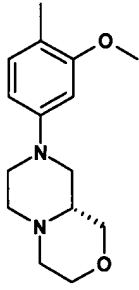
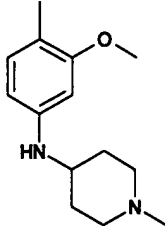
19-6	 <chem>COc1ccc(F)cc1</chem>
19-7	 <chem>COc1ccc(Oc2ccn(C)cc2)cc1</chem>
19-8	 <chem>COc1ccc(N2CCOCC2)cc1</chem>
19-9	 <chem>COc1ccc(N2CCN(C)C2)cc1</chem>
19-10	 <chem>COc1ccc(NC(C)C(C)CN(C)C)cc1</chem>
19-11	 <chem>COc1cc(F)cc(N2CCOCC2)c1</chem>
19-12	 <chem>COc1cc(F)cc(N2CCN(C)C2)c1</chem>



19-13	
19-14	
19-15	
19-16	
19-17	
19-18	

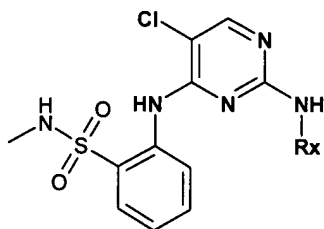
19-19	
19-20	
19-21	
19-22	
19-23	

19-24	 <chem>CC(C)(C)C(C)(C)COC1=CC=C(OC)C=C1</chem>
19-25	 <chem>C1CCN(C1)c2ccc(F)cc2</chem>
19-26	 <chem>C1CCN(C1)COc2ccc(F)cc2</chem>
19-27	 <chem>C1CCN(C1)c2ccc(OC)cc2</chem>
19-28	 <chem>C1CCN(C1)c2ccc(F)cc2</chem>

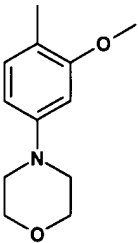
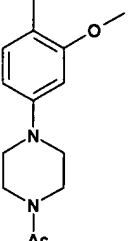
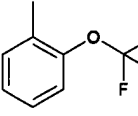
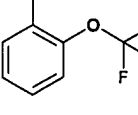
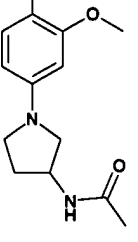
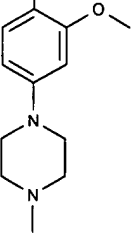
19-29	
19-30	
19-31	
19-32	

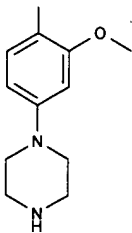
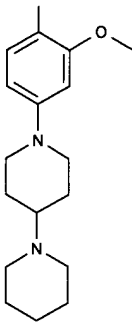
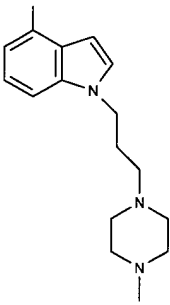
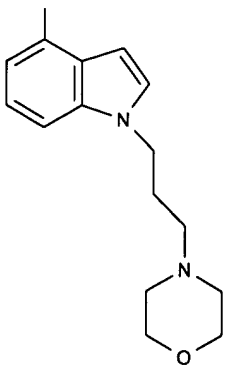
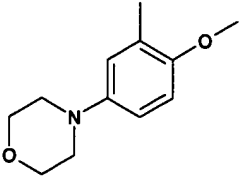
i

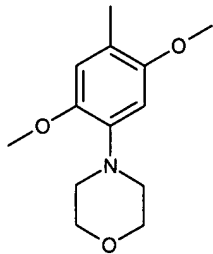
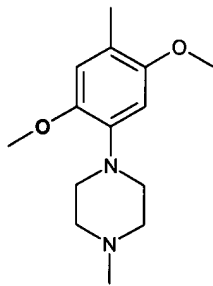
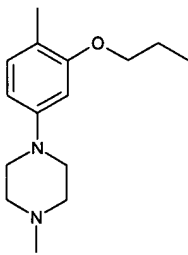
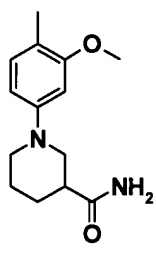
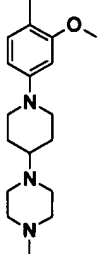
a compound of the formula

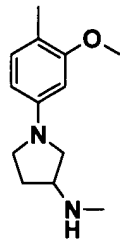
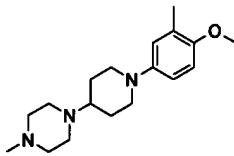
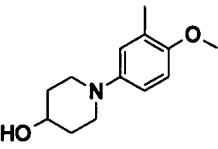
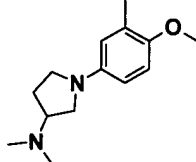
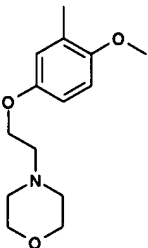
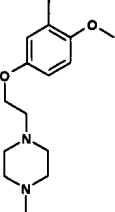
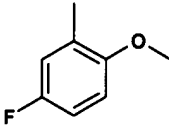


wherein Rx has one of the meanings given in the following table:

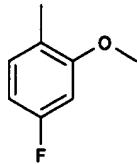
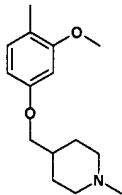
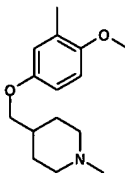
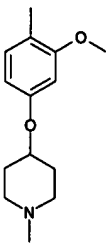
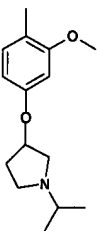
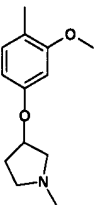
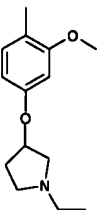
Compound	Rx
20-1	
20-2	
20-3	
20-4	
20-5	
20-6	

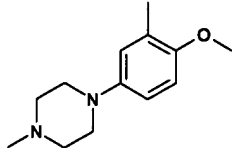
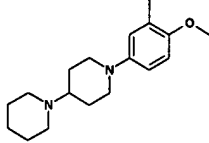
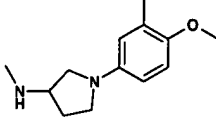
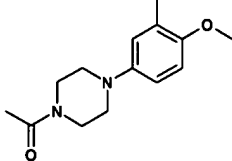
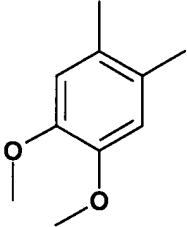
20-7	 <chem>COc1ccc(cc1)N2CCCC2</chem>
20-8	 <chem>COc1ccc(cc1)N2CCCCC2</chem>
20-9	 <chem>CN1CCN(C)CC1CN2C=CC3=CC=CC=C32</chem>
20-10	 <chem>C1CN(CCC1N2C=CC3=CC=CC=C32)CN4CCOCC4</chem>
20-11	 <chem>COc1ccc(cc1)N2CCOCC2</chem>

20-12	 <chem>COc1cc(OC)c(N2CCOCC2)cc1C</chem>
20-13	 <chem>COc1cc(OC)c(N2CCNCC2)cc1C</chem>
20-14	 <chem>CCOC1=CC=C(N2CCNCC2)C=C1</chem>
20-15	 <chem>COc1ccc(N2CC(C(=O)N)CC2)cc1</chem>
20-16	 <chem>COc1ccc(N2CCNCC2)cc1</chem>

20-17	 <chem>CN1CCCN1c2ccc(OC)cc2</chem>
20-18	 <chem>CN1CCN(C1)N2CCN(C2)c3ccc(OC)cc3</chem>
20-19	 <chem>OC1CCN(C1)c2ccc(OC)cc2</chem>
20-20	 <chem>CN(C)C1CCN1c2ccc(OC)cc2</chem>
20-21	 <chem>CN1CCN(C1)COc2ccc(OC)cc2</chem>
20-22	 <chem>CN1CCN(C1)COc2ccc(OC)cc2</chem>
20-23	 <chem>COc1cc(F)ccc1</chem>

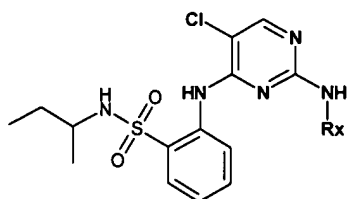


20-24	
20-25	
20-26	
20-27	
20-28	
20-29	
20-30	

20-31	
20-32	
20-33	
20-34	
20-35	

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a compound of the formula

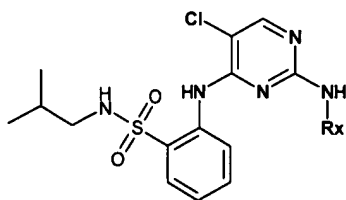


wherein Rx has one of the meanings given in the following table:

Compound	Rx

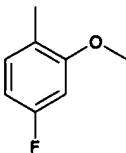
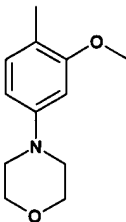
21-1	
21-2	
21-3	
21-4	

a compound of the formula

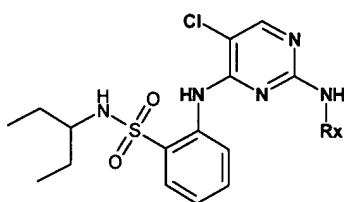


wherein Rx has one of the meanings given in the following table:

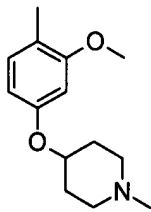
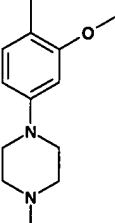
Compound	Rx
22-1	

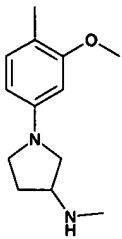
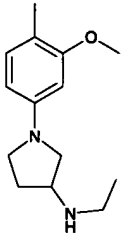
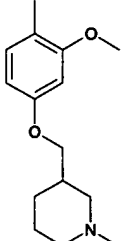
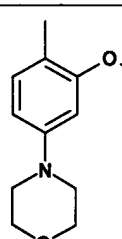
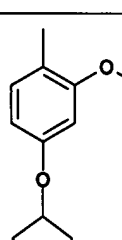
22-2	
22-3	

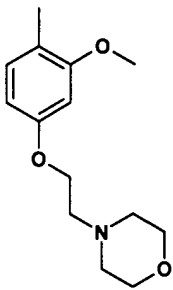
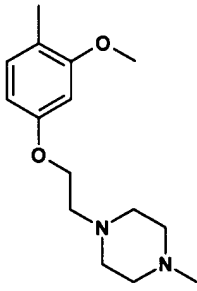
a compound of the formula



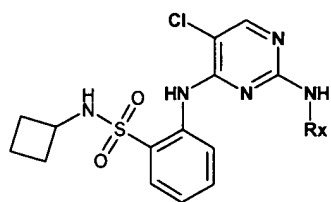
wherein Rx has one of the meanings given in the following table:

Com- pound	Rx
23-1	
23-2	

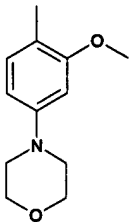
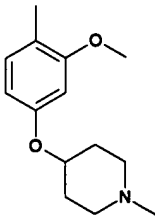
23-3	 <chem>COC1=CC=C(N2CCCN2)C=C1</chem>
23-4	 <chem>CCN(CC1CCCN1C2=CC=C(OC)C=C2)</chem>
23-5	 <chem>CN1CCN(C1)CCOC2=CC=C(OC)C=C2</chem>
23-6	 <chem>COC1=CC=C(N2CCOCC2)C=C1</chem>
23-7	 <chem>COC1=CC=C(N2CCCN2)C=C1</chem>

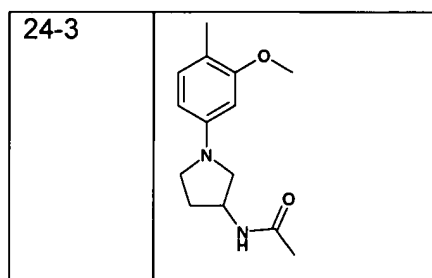
23-8	
23-9	

a compound of the formula

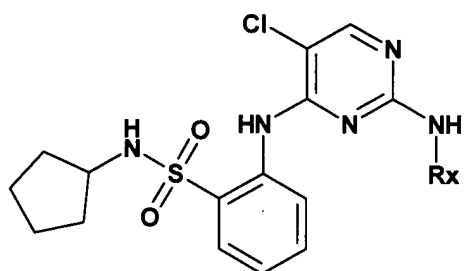


wherein Rx has one of the meanings given in the following table:

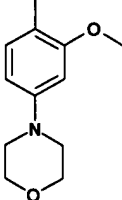
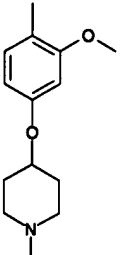
Compound	Rx
24-1	
24-2	



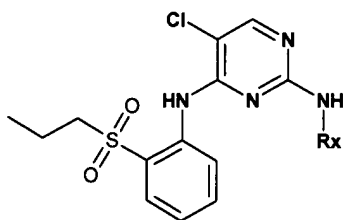
a compound of the formula



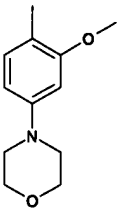
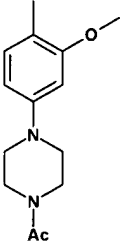
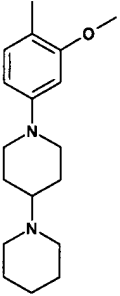
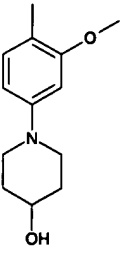
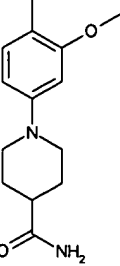
wherein Rx has one of the meanings given in the following table:

Compound	Rx
25-1	
25-2	

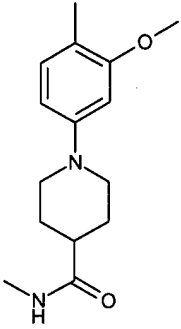
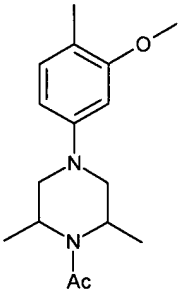
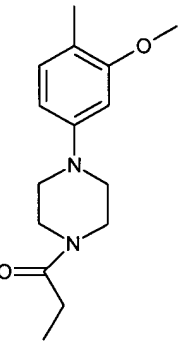
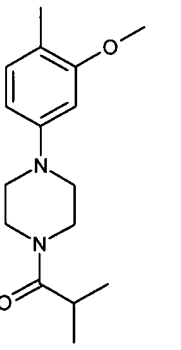
a compound of the formula

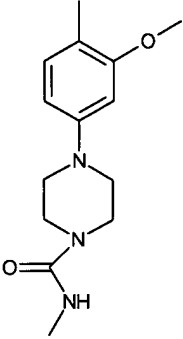
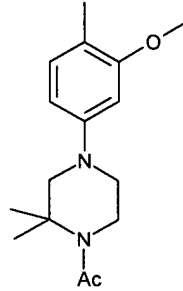
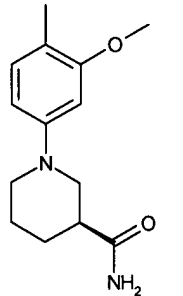
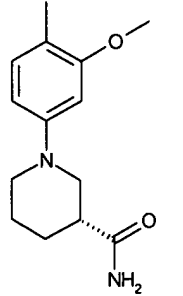
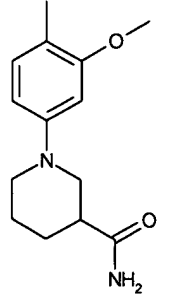


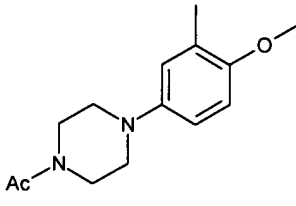
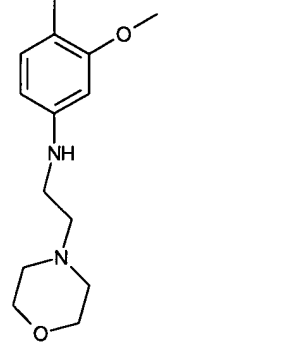
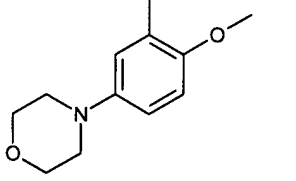
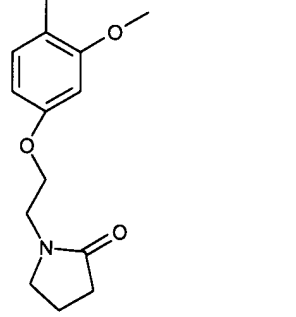
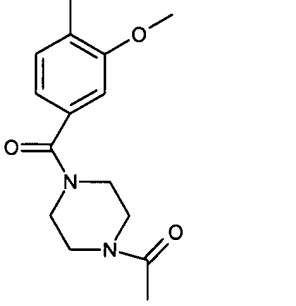
wherein Rx has one of the meanings given in the following table:

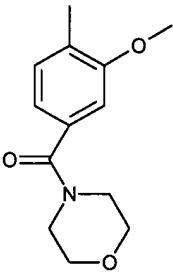
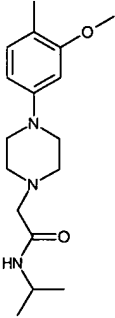
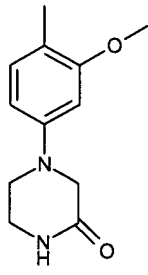
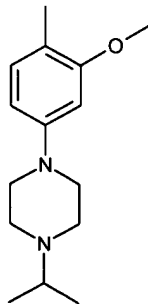
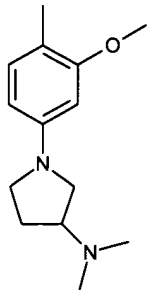
Compound	Rx
26-1	 <chem>COc1ccc(cc1)N2CCOCC2</chem>
26-2	 <chem>CC(=O)N1CCN(CC1)c2ccc(OC)cc2</chem>
26-3	 <chem>c1ccc(cc1)N2CCN(CC2)c3ccc(OC)cc3</chem>
26-4	 <chem>OC1CCN(CC1)c2ccc(OC)cc2</chem>
26-5	 <chem>NC(=O)C1CCN(CC1)c2ccc(OC)cc2</chem>

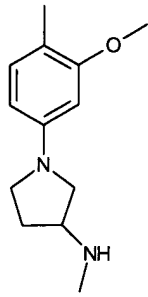
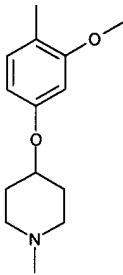
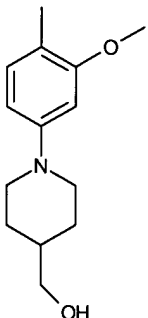
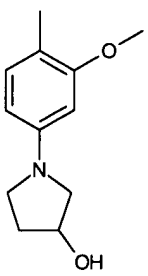
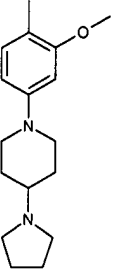


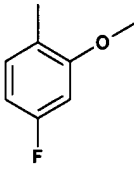
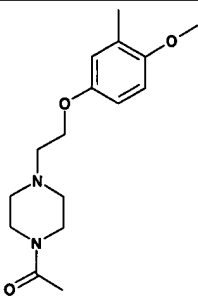
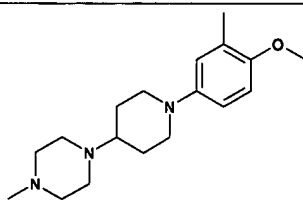
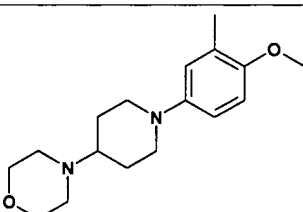
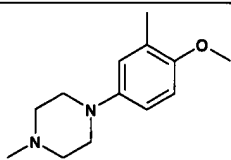
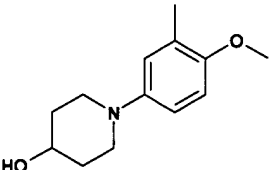
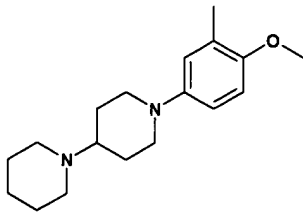
26-6	 <chem>CNC(=O)C1CCN(C1)c2ccc(OC)cc2</chem>
26-7	 <chem>CC(=O)N1C(C)CCN(C1)c2ccc(OC)cc2</chem>
26-8	 <chem>CCC(=O)N1CCN(C1)c2ccc(OC)cc2</chem>
26-9	 <chem>CC(C)C(=O)N1CCN(C1)c2ccc(OC)cc2</chem>

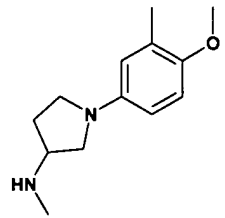
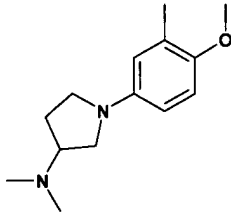
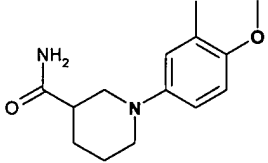
26-10	 <chem>CN(C)C(=O)N1CCN(CC1)c2ccc(OC)cc2</chem>
26-11	 <chem>CC(=O)N1CCN(C(C)(C)C)CC1Nc2ccc(OC)cc2</chem>
26-12	 <chem>NC(=O)[C@H]1CCN(CC1)c2ccc(OC)cc2</chem>
26-13	 <chem>NC(=O)[C@@H]1CCN(CC1)c2ccc(OC)cc2</chem>
26-14	 <chem>NC(=O)[C@H]1CCN(CC1)c2ccc(OC)cc2</chem>

26-15	
26-16	
26-17	
26-18	
26-19	

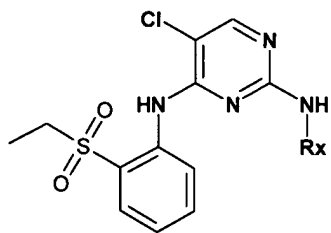
26-20	 <chem>COc1ccc(cc1)C(=O)N2CCOCC2</chem>
26-21	 <chem>COc1ccc(cc1)N2CCN(CC2)CC(=O)N(C)C</chem>
26-22	 <chem>COc1ccc(cc1)N2CCNC(=O)CC2</chem>
26-23	 <chem>COc1ccc(cc1)N2CCN(CC2)C(C)C</chem>
26-24	 <chem>COc1ccc(cc1)N2CCN(C)CC2</chem>

26-25	
26-26	
26-27	
26-28	
26-29	

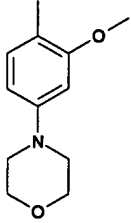
26-30	
26-31	
26-32	
26-33	
26-34	
26-35	
26-36	

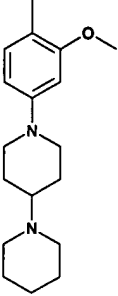
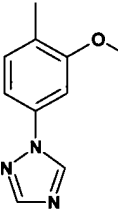
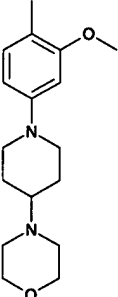
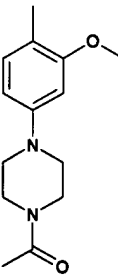
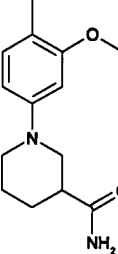
26-37	
26-38	
26-39	

a compound of the formula

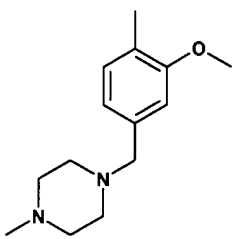
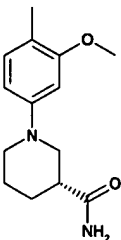
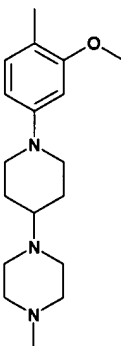


wherein Rx has one of the meanings given in the following table:

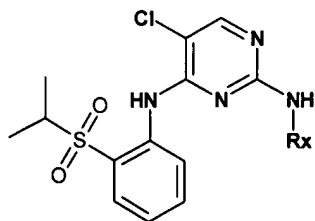
Compound	Rx
27-1	

27-2	 <chem>COc1ccc(cc1)N2CCCCC2</chem>
27-3	 <chem>COc1ccc(cc1)n2cnc2</chem>
27-4	 <chem>COc1ccc(cc1)N2CCCCC2=O</chem>
27-5	 <chem>CC(=O)N1CCN(C1)c2ccc(OC)cc2</chem>
27-6	 <chem>NC(=O)C1CCN(C1)c2ccc(OC)cc2</chem>

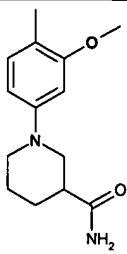


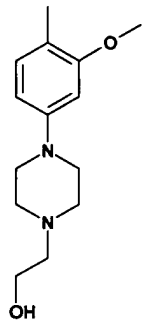
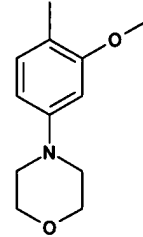
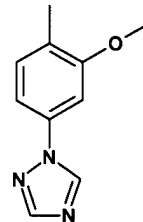
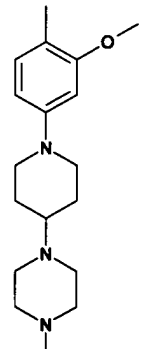
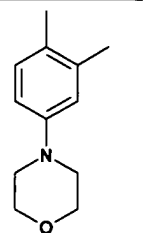
27-7	
27-8	
27-9	

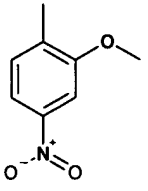
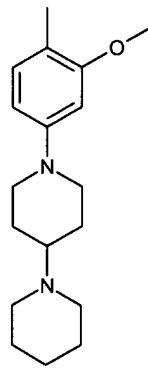
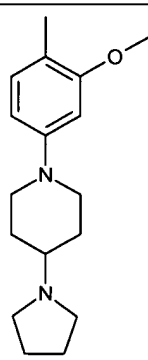
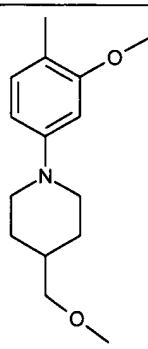
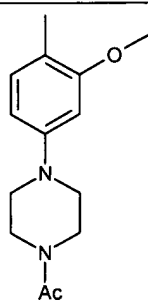
a compound of the formula

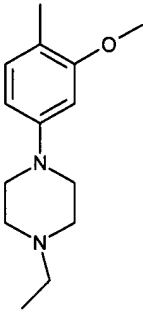
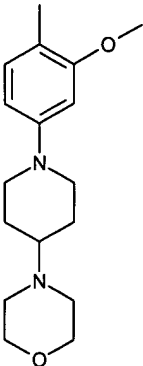
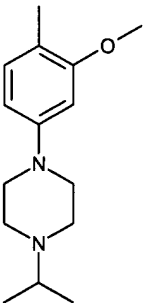
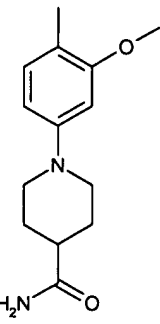


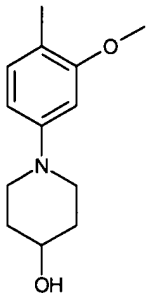
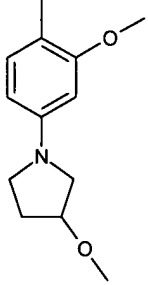
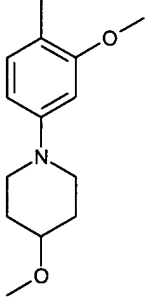
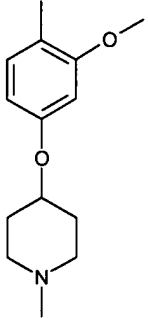
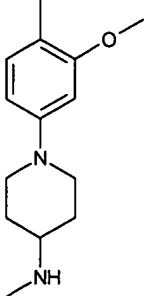
wherein Rx has one of the meanings given in the following table:

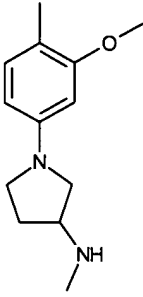
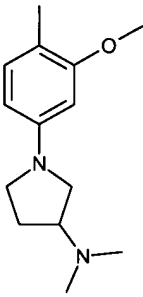
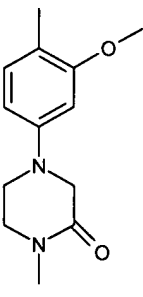
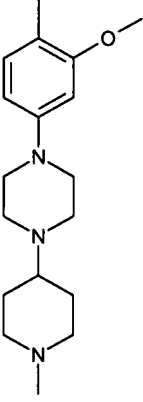
Compound	Rx
28-1	

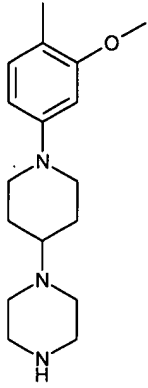
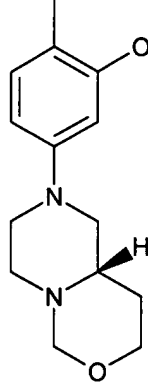
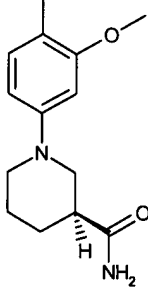
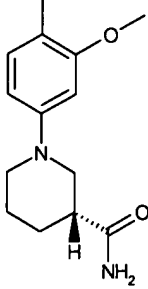
28-2	 <chem>COc1cccc(c1)N2CCN(CC2)CCO</chem>
28-3	 <chem>COc1cccc(c1)N2CCOCC2</chem>
28-4	 <chem>COc1cccc(c1)N2C=NC=C2</chem>
28-5	 <chem>COc1cccc(c1)N2CCN(CC2)N3CCNCC3</chem>
28-6	 <chem>Cc1cccc(c1)N2CCOCC2</chem>

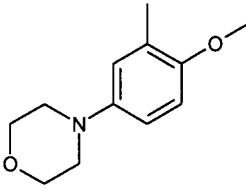
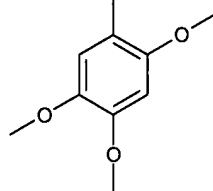
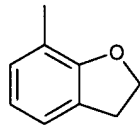
28-7	 <chem>COc1ccc([N+](=O)[O-])cc1</chem>
28-8	 <chem>COc1ccc(N2CCCCC2)cc1</chem>
28-9	 <chem>COc1ccc(N2CCCCC2)cc1</chem>
28-10	 <chem>COc1ccc(N2CCCCC2)cc1</chem>
28-11	 <chem>CC(=O)N1CCN(C1)Cc2ccc(OC)cc2</chem>

28-12	 <chem>CCN(CC)CC1CCN(C1)c2ccc(OC)cc2</chem>
28-13	 <chem>C1CCN(C1)c2ccc(OC)cc2N3CCOCC3</chem>
28-14	 <chem>CC(C)N1CCN(C1)c2ccc(OC)cc2</chem>
28-15	 <chem>NC(=O)C1CCN(C1)c2ccc(OC)cc2</chem>

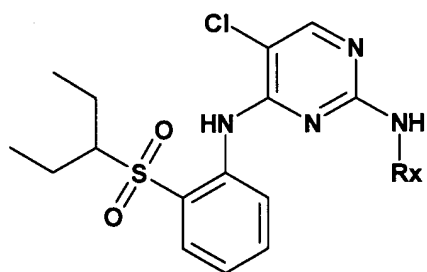
28-16	 <chem>COc1ccc(cc1)N2CCCCC2O</chem>
28-17	 <chem>COc1ccc(cc1)N2CCOC2</chem>
28-18	 <chem>COc1ccc(cc1)N2CCOC2</chem>
28-19	 <chem>COc1ccc(cc1)OCC2CCN(C)CC2</chem>
28-20	 <chem>COc1ccc(cc1)N2CCN(C)CC2</chem>

28-21	 <chem>CNCC1CCN1c2ccc(OC)c(C)c2</chem>
28-22	 <chem>CN(C)CC1CCN1c2ccc(OC)c(C)c2</chem>
28-23	 <chem>CN(C(=O)N1CCN(C1)c2ccc(OC)c(C)c2)C</chem>
28-24	 <chem>CN1CCN(C1)c2ccc(OC)c(C)c2.N1CCN(C1)C2CCN(C)CC2</chem>

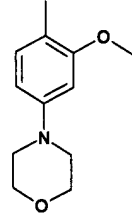
28-25	 <p>Chemical structure of 1-(4-methoxyphenyl)piperazine. It consists of a piperazine ring connected at the nitrogen atom to a 4-methoxyphenyl group.</p>
28-26	 <p>Chemical structure of 1-(4-methoxyphenyl)-2,3-dihydro-1,4-benzodioxane. It features a 2,3-dihydro-1,4-benzodioxane ring system with a 4-methoxyphenyl group attached to the nitrogen atom at position 1.</p>
28-27	 <p>Chemical structure of 1-(4-methoxyphenyl)-4-aminopiperazine. It shows a piperazine ring with a 4-methoxyphenyl group at position 1 and an amino group (-NH<sub>2</sub>) at position 4. The amino group is shown with a dashed bond, indicating stereochemistry.</p>
28-28	 <p>Chemical structure of 1-(4-methoxyphenyl)-4-aminopiperazine. It shows a piperazine ring with a 4-methoxyphenyl group at position 1 and an amino group (-NH<sub>2</sub>) at position 4. The amino group is shown with a wedged bond, indicating stereochemistry.</p>

28-29	
28-30	
28-31	

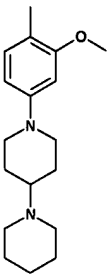
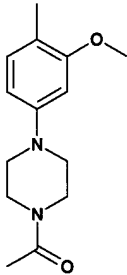
a compound of the formula



wherein Rx has one of the meanings given in the following table:

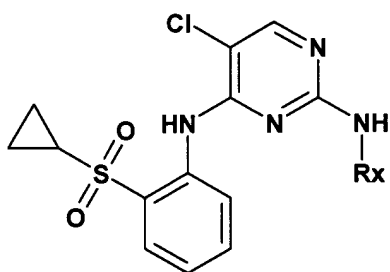
Compound	Rx
29-1	



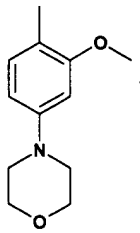
29-2	
29-3	

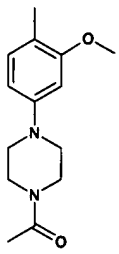
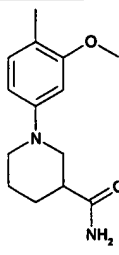
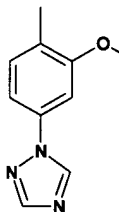
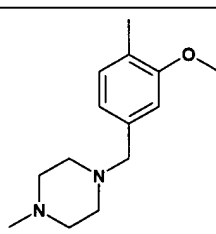
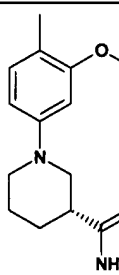
;

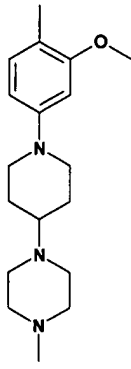
a compound of the formula



wherein Rx has one of the meanings given in the following table:

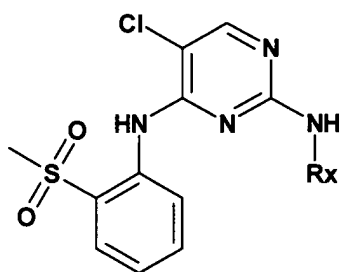
Compound	Rx
30-1	

30-2	 <chem>CC(=O)N1CCN(CC1)c2ccc(OC)cc2</chem>
30-3	 <chem>NC(=O)C1CCN(CC1)c2ccc(OC)cc2</chem>
30-4	 <chem>c1ccnnc1Nc2ccc(OC)cc2</chem>
30-5	 <chem>CN1CCN(CC1)Cc2ccc(OC)cc2</chem>
30-6	 <chem>NC(=O)[C@H]1CCN(CC1)c2ccc(OC)cc2</chem>

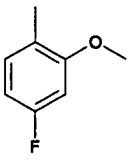
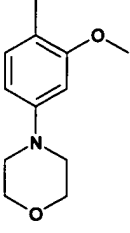
30-7	
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;

a compound of the formula

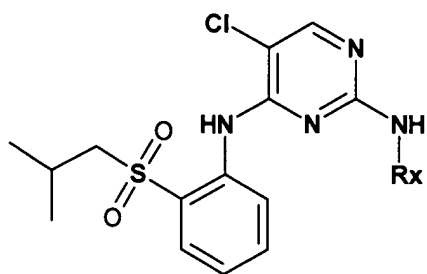


wherein Rx has one of the meanings given in the following table:

Com- pound	Rx
31-1	
31-2	

;

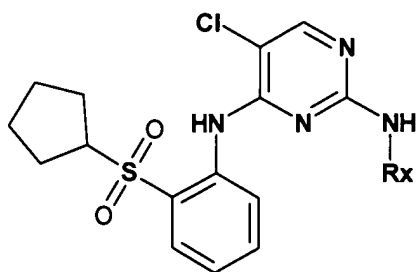
a compound of the formula



wherein Rx has one of the meanings given in the following table:

Com- pounds	Rx
32-1	
32-2	

i  
a compound of the formula



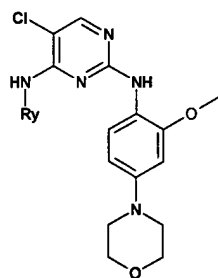
wherein Rx has one of the meanings given in the following table:

Com- pound	Rx

33-1	
33-2	

;

a compound of the formula



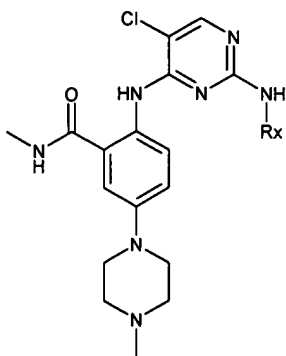
wherein Ry has one of the meanings given in the following table:

Compound	Ry
34-1	
34-2	
34-3	

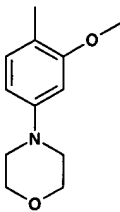
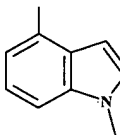
34-4	
34-5	
34-6	
34-7	
34-8	

;

a compound of the formula



wherein Rx has one of the meanings given in the following table:

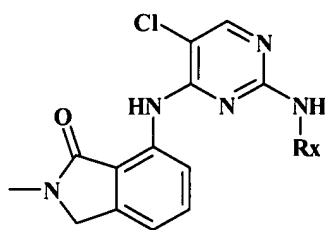
35-1	
35-2	

2-[5-bromo-2-(2-methoxy-4-morpholin-4-yl-phenylamino)-pyrimidin-4-ylamino]-N, N-dimethyl-benzenesulfonamide;

2-[5-bromo-2-(2-methoxy-4-morpholin-4-yl-phenylamino)-pyrimidin-4-ylamino]-5-fluoro-N-methyl-benzenesulfonamide;

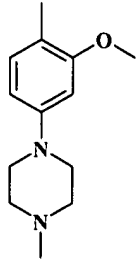
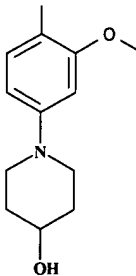
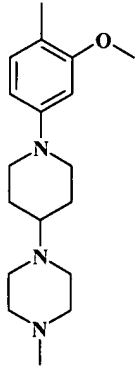
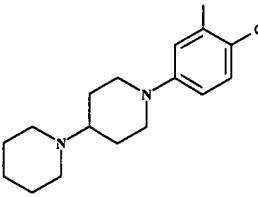
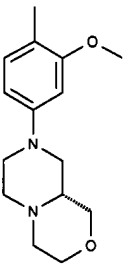
7-[5-chloro-2-(2-methoxy-4-morpholin-4-yl-phenylamino)-pyrimidin-4-ylamino]-2-methyl-2,3-dihydro-isoindol-1-one;

and a compound of the formula



wherein Rx has one of the meanings given in the following table:

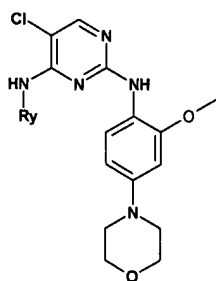
Compound	Rx

12-2	
12-3	
12-4	
12-5	
12-6	

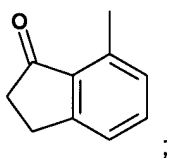
or a pharmaceutically acceptable salt thereof.



24. (New) A compound of the formula



wherein Ry has the formula



or a pharmaceutically acceptable salt thereof.